

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	0	("2004/0076384").URPN.	USPAT	OR	ON	2006/03/13 09:16
L14	730	385/93.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 09:17
L15	87	(laser diode) and (ferrule same sleeve same metal\$4 same weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 10:31
L16	40	(laser adj diode) and (ferrule same sleeve same metal\$4 same weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 10:31
L17	16	((laser wiwth diode) and ferrule and (sleeve or holder or guide) and metal\$4 and weld\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 10:32
L18	3	((laser with diode) and ferrule and (sleeve or holder or guide) and metal\$4 and weld\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/13 10:32
S1	7	((("5661835") or ("6244754") or ("6572279") or ("6646291") or ("6786627") or ("6836490") or ("6805494"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/02/23 17:03
S2	33	(optical with module) and Kovar and (heat with sink) and (ceramic same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/24 09:15
S3	0	("2004/0076384").URPN.	USPAT	OR	ON	2005/02/23 17:12

## EAST Search History

S4	100	( "6350063" "6166844" "4850664" "4875752" "5680493" "5940563" "5280389" "5215489" "5751877" "5905827" "5548677" "6095695" "6196855" "5802230" "6240235" "5751878" "5009481" "5537503" "5916458" "6236669" "6312167" "6374021" "6722794" "4403238" "5503590" "5640475" "5946436" "6076977" "6102583" "4823349" "5066149" "5326969" "5721426" "5880795" "5887101" "5906309" "5907162" "6009712" "6074102" "6156596" "6164838" "6196441" "6400364" "6407418" "6170996" "6181854" "5225942" "6074577" "4861139" "5228018").pn. ( "6144511" "6361177" "6454400" "5329067" "5621837" "5724462" "5980119" "6027254" "6164836" "6377385" "6718098" "5386488" "5528407" "5673350" "5703982" "5774611" "6425696" "6565266" "3806259" "4997252" "5783815" "5909276" "5949939" "6434264" "6477266" "6744961" "4779949" "5359689" "6196553" "4591627" "5195155" "5315609" "5347604" "5388171" "5452389" "5526455" "5586208" "5596665" "5687270" "5841923" "5936263" "5963696" "5973862" "6010251" "6043550" "6071001" "6108359" "6120191" "6126325" "6147817").pn.	USPAT	OR	ON	2005/02/23 17:16
S5	33	(optical with module) and (Kovar or FeNi\$2) and (heat with sink) and (ceramic same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:18
S6	33	(optical with module) and (Kovar or "FeNi"\$2) and (heat with sink) and (ceramic same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:18
S7	0	S4 and (Kovar or "FeNi"\$2) and (heat with sink) and (ceramic same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/24 08:11

## EAST Search History

S8	76	(optical with module) and (Kovar or "FeNi"\$2) and ((heat with sink) or cool\$3) and (ceramic same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:19
S9	43	S8 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:19
S10	75	(optical with module) and (latch\$3 same adapter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:34
S11	18	(optical with module) and (latch\$3 same adapter same ferrule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:38
S12	57	S10 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:34
S13	20	(optical with module) and ((latch\$3 or snap\$3) same adapter same ferrule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:37
S14	2	S13 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:38
S15	77	(optical with module) and (adapter with ferrule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/23 17:39

## EAST Search History

S16	20	("4553813"   "4747656"   "4762389"   "4779952"   "5042891"   "5101463"   "5109453"   "5434941"   "5577145"   "5642450"   "5684903"   "5802230"   "5887095"   "5936263"   "5993070").PN. OR ("6126325").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/24 08:02
S17	7	("5042891"   "5428702").PN. OR ("6135644").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/24 08:04
S18	37	(US-20030128552-\$ or US-20040076384-\$ or US-20010026664-\$ or US-20020028572-\$ or US-20020060840-\$ or US-20040091217-\$).did. or (US-5661835-\$ or US-6244754-\$ or US-6572279-\$ or US-6646291-\$ or US-6786627-\$ or US-6805494-\$ or US-6836490-\$ or US-5845031-\$ or US-5924290-\$ or US-6220765-\$ or US-6345917-\$ or US-5675685-\$ or US-5960142-\$ or US-6163072-\$ or US-6366396-\$ or US-6506624-\$ or US-6614590-\$ or US-6769819-\$ or US-6632023-\$ or US-6551134-\$ or US-6126325-\$ or US-6135644-\$ or US-4553813-\$ or US-4762389-\$ or US-5042891-\$ or US-5684903-\$).did. or (EP-932062-\$).did. or (JP-10319274-\$ or JP-11211937-\$).did. or (DE-20305690-\$ or EP-932062-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/24 08:10
S19	7	S18 and (Kovar or "FeNi"\$2) and (heat with sink) and (ceramic same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/24 08:15
S20	1	("6786627").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/24 08:15
S21	76	(optical with module) and (Kovar or "FeNi"\$2) and ((heat with sink) or cool\$3) and (ceramic same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/24 08:15

## EAST Search History

S22	0	("2004/0076384").URPN.	USPAT	OR	ON	2005/02/24 08:26
S23	0	("2003/0128552").URPN.	USPAT	OR	ON	2005/02/24 08:26
S24	6	("20020191655"   "5345373"   "5416869"   "5751877"   "6207950"   "6511236").PN. OR ("6786627").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/24 08:27
S25	26	(optical with module) and (stepped with ferrule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/24 09:17
S26	32	(optical with module) and ((different or varying) with diameter with ferrule)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/02/24 09:18
S27	36	module same (diode or laser or source or detector) same ferrule same metal same weld\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:46
S28	311	(diode or laser or source or detector) same ferrule same metal same weld\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 08:46
S29	44	("4285572"   "4549783"   "4865410"   "5195156"   "5289555").PN. OR ("5386488").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/14 15:39
S30	22	S29 and metal and weld\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:40
S31	1	S29 and ((diode or laser or source or detector) same ferrule same metal same weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:40

## EAST Search History

S32	17	(module same (diode or laser or source or detector)) and (ferrule same metal same weld\$3 same ceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:46
S33	40	(US-20010026664-\$ or US-20020028572-\$ or US-20020060840-\$ or US-20030128552-\$ or US-20040076384-\$ or US-20040091217-\$ or US-20020085596-\$).did. or (US-4553813-\$ or US-4762389-\$ or US-5042891-\$ or US-5661835-\$ or US-5675685-\$ or US-5684903-\$ or US-5751877-\$ or US-5845031-\$ or US-5924290-\$ or US-5960142-\$ or US-6126325-\$ or US-6135644-\$ or US-6163072-\$ or US-6220765-\$ or US-6244754-\$ or US-6345917-\$ or US-6366396-\$ or US-6506624-\$ or US-6551134-\$ or US-6572279-\$ or US-6614590-\$ or US-6632023-\$ or US-6646291-\$ or US-6769819-\$ or US-6786627-\$ or US-6805494-\$).did. or (US-6836490-\$ or US-5386488-\$). did. or (EP-932062-\$).did. or (JP-10319274-\$ or JP-11211937-\$).did. or (EP-932062-\$ or DE-20305690-\$). did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/14 15:52
S34	8	S33 and (diode or laser or source or detector) and (ferrule same metal same weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:53
S35	8	S33 and (ferrule same metal same weld\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:12
S36	0	("2004/0076384").URPN.	USPAT	OR	ON	2005/09/14 15:55

## EAST Search History

S37	8	S33 and (zirconia with ceramic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 16:12
S38	339	((diode or laser or source or detector) with module) and (base same ceramic same metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 08:50
S39	36	((diode or laser or source or detector) with module) and (base same ceramic same metal) and isolator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 10:20

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- [#3](#) ( (weld or welded or welding) and ferrule and (sleeve or holder) <in>metadata )
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